

IN THE CLAIMS:

Please cancel claims 1-7, without prejudice, and add new claims 8-14 as follows.

Claims 1-7. (Cancelled).

8. (New) A method for communication network performance analysis comprising the steps of

a) acquiring and storing information related to

a1) service requests issued by terminals attached to said network,

a2) positions of said requesting terminals, and

a3) establishment of the requested service for said terminals,

matching, based on the position information, said information to a grid of unit areas, the grid of unit areas representing a geographical region in which said network is operated,

processing said information per unit area, and

outputting said processed information,

wherein said information related to the establishment of the service comprises at least a success indication indicating that said service was successfully established or not and at least one service attribute, and wherein

said processing comprises a step of logically combining said service request information and said success information.

9. (New) A method according to claim 8, further comprising the step of

g) modifying communication network operating parameters based on said outputted processed information.

10. (New) A method according to claim 8, wherein
said processing comprises a further step of summing said at least one service
attribute parameter.
11. (New) A method according to claim 8, wherein
said processing comprises the further steps of
sorting said stored information according to said at least one service attribute,
thereby obtaining a plurality of information sets, each being representative of an
individual service distinguishable by said at least one service attribute, and
selecting one of said information sets according to the service attribute for being
output.
12. (New) A method according to claim 8, wherein
said acquired information is stored for a predetermined time.
13. (New) A method according to claim 8, wherein
said processing comprises a step of filtering said stored information using a
selectable time window.
14. (New) A method according to claim 10, wherein said summed at least one
service attribute parameter is divided by the time period defined by said selected time
window.